

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT : Ronald A. Katz)
 SERIAL NO. : 07/803,264) Examiner:
 FILED : December 3, 1991) Art Unit: 2601
 FOR : TELEPHONIC-INTERFACE)
 STATISTICAL ANALYSIS)
 SYSTEM)
 DOCKET NO. : 4646-101NB)

SECOND SUPPLEMENTAL PRELIMINARY AMENDMENT

March 4, 1992

 707 Wilshire Blvd., Suite 3200
 Los Angeles, CA 90017

 Commissioner of Patents
 and Trademarks
 Washington, D. C. 20231

Sir:

Prior to examination, please further amend as
 follows the above-identified patent application which is a
 divisional of Application Serial No. 07/640,337 filed on
 January 11, 1991:

IN THE CLAIMS:

Please amend Claims 29, 38, 55 and 59.

- 1 Sub E1
- 2 29. (Amended) An analysis control system for use
- 3 with a communication facility including remote terminals
- 4 [apparatus] for individual callers, wherein each of said
- remote terminals [apparatus] may comprise a conventional



5 telephone instrument including voice communication means and
6 digital input means in the form of an array of alphabetic
7 numeric buttons for providing data, said analysis control
8 system comprising:

9 interface structure selectively coupled to said
10 communication facility to interface said terminals [apparatus]
11 for voice and digital communication and including means to
12 provide signals representative of data developed by said
13 terminals [apparatus];

14 voice generator structure selectively coupled
15 through said interface structure to said terminals [apparatus]
16 for providing vocal operating instructions to individual ones
17 of said callers;

18 record memory means connected to said interface
19 structure for initiating a file and storing data relating to
20 certain select ones of said individual callers including data
21 developed by said terminals [apparatus];

22 designation structure means selectively coupled to
23 said interface structure and said record memory means for
24 assigning individual designations to callers and storing said
25 designations in said record structure; and

26 analysis structure connected to said record memory
27 means for processing said data relating to certain select ones
28 of said individual callers to isolate a subset of said
29 callers.

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1 38. (Amended) An analysis control system for use
2 with a communication facility including remote terminals
3 [apparatus] for individual callers, wherein each of said
4 remote terminals [apparatus] may comprise a conventional
5 telephone instrument including voice communication means and
6 digital input means in the form of an array of alphabetic
7 numeric buttons for providing data, said analysis control
8 system comprising:
9 interface structure selectively coupled to said
10 communication facility to interface said terminals [apparatus]
11 for voice and digital communication and including means to
12 provide signals representative of data developed by said
13 terminals [apparatus];
14 voice generator structure selectively coupled
15 through said interface structure to said terminals [apparatus]
16 for providing vocal operating instructions to individual ones
17 of said callers;
18 record memory means selectively connected to said
19 interface structure for initiating a file and storing data
20 relating to certain select ones of said individual callers
21 including data developed by said terminals [apparatus];
22 designation structure means selectively coupled to
23 said interface structure and said record memory means for
24 assigning individual designation data to substantially all
25 callers and storing said designation data in said record

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26 structure;
 27 analysis structure connected to said record memory
 28 means for processing said data relating to certain select ones
 29 of said individual callers to isolate a subset of said
 30 callers; and
 31 qualification structure for qualifying the operation
 32 of said analysis structure under control of said signals
 33 representative of data developed by said terminals
 34 [apparatus].

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1 55. An analysis control system for use with a
 2 communication facility including remote terminals for
 3 individual callers, wherein each of said remote terminals may
 4 comprise a conventional telephone instrument including voice
 5 communication means and digital input means in the form of an
 6 array of alphabetic numeric buttons for providing data and
 7 wherein said communication facility has a capability (ANI) to
 8 provide terminal digital data, for example, indicating the
 9 calling number, said analysis control system comprising:
 10 interface structure coupled to said communication
 11 facility to interface said terminals for voice and digital
 12 communication and including means to provide caller data
 13 signals representative of data relating to said callers
 14 developed by said terminals and said terminal digital data
 15 indicative of the calling number using said capability (ANI);
 16 analysis structure for processing said caller data

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17 signals representative of data relating to said callers from
18 said digital input means; and
19 control structure for controlling said analysis
20 structure in accordance with said terminal digital data.

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1 59. (Amended) An analysis control system for use
2 with a communication facility including remote terminals for
3 individual callers, wherein each of said remote terminals may
4 comprise a conventional telephone instrument including voice
5 communication means and digital input means in the form of an
6 array of alphabetic numeric buttons for providing data, said
7 analysis control system comprising:
8 interface structure coupled to said communication
9 facility to interface said terminals for voice and digital
10 communication and including means to provide signals
11 representative of data developed by said terminals;
12 voice generator structure coupled through said
13 interface structure for actuating said terminals as to provide
14 vocal operating instructions to a specific one of said
15 individual callers;
16 record means, including memory and control means,
17 connected to said interface structure for initiating a file
18 and storing data relating to certain select ones of said
19 individual callers; and
20 designation means coupled to said interface
21 structure and said record means for assigning individual

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22 designations to callers and storing said designations in said
23 record means, said designation means including means for
24 storing representations of the telephone number of each of the
25 terminals used by said one of said callers and wherein said
26 signals representative of data developed by said terminals
27 include signals representative of a number designating a
28 particular remote terminal apparatus and provided [directly]
29 by said communication facility as a result of a call.

REMARKS

Claims 29 and 30 have been revised to be consistent with amendments to overcome the Examiner's rejections with respect to other claims. Claim 55 has been revised to define a further limitation and Claim 59 has been amended to delete the word "directly" which was inadvertently missed by an oversight. Applicant respectfully requests examination and allowance of Claims 29-60.

Respectfully submitted,
NILSSON, WURST & GREEN

Reena Kuyper
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Docket No. 4646-101NB
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OUR DOCKET NUMBER:

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March 5, 1992
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